

FILE NAME: C:\86\1873\3\02\_BM-CAD\02.1\_Cadd\_Files\1372146\_H001.dwg LAYOUT NAME: Layout11 PLOTTED: Monday, June 20, 2016 - 11:20am USER: lberry

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## GENERAL NOTES

- DRAWINGS, SPECIFICATIONS, AND REPORT IS PROVIDED FOR INFORMATION ONLY. CONTRACTOR TO ASSESS HAZARDOUS CONDITIONS PRIOR TO START OF CONSTRUCTION AND COLLECT WASTE CHARACTERIZATION SAMPLES PRIOR TO DISPOSAL.
- RESULTS OF COLLECTED SAMPLES CAN BE FOUND IN THE APPENDIX OF THE SPECIFICATIONS.
- CONTACT THE NAVFAC ENVIRONMENTAL (EV) SERVICES OFFICE PRIOR TO BEGINNING THE PAINT ABATEMENT ACTIVITIES FOR THE DRAFT CURTAIN WELDING SHOWN IN DRAWING A-301 IN HANGAR 111 BAY A, B AND C. CONTRACTOR TO SET UP AN ACCUMULATION AREA FOR THE REMOVED PAINT AS IT HAS BEEN TESTED HAZARDOUS FOR CHROMIUM. THE LABEL CONTAINER CONTENTS AND START DATE OF ACCUMULATION. NAVFAC EV SERVICES MUST PRE-APPROVE THE DISPOSAL FACILITY AND SIGN THE MANIFEST PRIOR TO OFF-SITE DISPOSAL. PROVIDE NAVFAC EV A COPY OF THE SIGNED MANIFEST FROM THE DISPOSAL FACILITY.
- CONTACT THE EV OFFICE PRIOR TO THE THE REMOVAL OF FIRE ALARM BATTERIES FROM THE RELEASING CONTROL PANEL AS WELL AS THE POWER SUPPLY PANELS IN THE FOAM ROOM, AS SHOWN ON FA401. PROVIDE A UNIVERSAL WASTE ACCUMULATION AREA FOR THE EV OFFICE AND THE EV OFFICE MUST PRE-APPROVE THE DISPOSAL FACILITY AND SIGN THE MANIFEST PRIOR TO OFFSITE DISPOSAL. PROVIDE NAVFAC EV A COPY OF THE SIGNED MANIFEST FROM THE DISPOSAL FACILITY.
- REMOVE THE EXISTING AFF AS NON-HAZARDOUS WASTE. NAVFAC EV SERVICES MUST PRE-APPROVE THE DISPOSAL FACILITY AND SIGN THE MANIFEST PRIOR TO OFFSITE DISPOSAL. PROVIDE NAVFAC EV A COPY OF THE SIGNED MANIFEST FROM THE DISPOSAL FACILITY. REFERENCE DRAWING FX401 FOR AFF TO BE REMOVED AND CONTAINERIZED FOR DISPOSAL.
- CLEAN VISIBLE ACCUMULATING HEAVY METAL DUST USING METHODS SUCH AS HEPA VACUUMING AND WET WIPING ON THE ENTIRE CMU WALLS IN THE HANGAR BAY. THIS INCLUDES THE CMU WALL SEPARATING THE OFFICE AREA FROM THE HANGAR BAY AND THE ASSOCIATED EQUIPMENT, PIPING AND CONDUIT LOCATED ON THAT WALL. IN ADDITION, CLEAN VISIBLE ACCUMULATING HEAVY METAL DUST USING METHODS SUCH AS HEPA VACUUMING AND WET WIPING ON EQUIPMENT, PIPING AND CONDUIT THAT IS DISTURBED DURING CONSTRUCTION. THIS INCLUDES:
  - THE OVERHEAD SPRINKLER PIPE IN THE HANGAR BAY,
  - THE AIR HANDLING UNITS IN THE MECHANICAL ROOMS,
  - THE SPRINKLER PIPE AND EQUIPMENT IN THE FOAM ROOM,
  - THE COMPRESSOR EQUIPMENT IN THE COMPRESSOR ROOM,
  - AREAS ON THE HANGAR BAY OVERHEAD STRUCTURAL MEMBERS THAT ARE DISTURBED BY CONSTRUCTION ACTIVITIES SUCH AS DRAFT CURTAIN MODIFICATIONS AND EXTENSIONS.REFER TO SPECIFICATION SECTION 02 83 13 00 20 FOR ADDITIONAL INFORMATION ON CLEANING AND PAINT REMOVAL ON EQUIPMENT, PIPING AND CONDUIT.
- PROVIDE AIR EXPOSURE MONITORING TO MONITOR FOR CHROMIUM, CADMIUM AND CRYSTALLINE SILICA IN ACCORDANCE WITH GUIDANCE PROVIDED IN 02 83 13.00 20 - LEAD IN CONSTRUCTION.
- PROVIDE ABATEMENT OF ANIMAL DROPPINGS IN INSULATION LOCATED ABOVE THE HANGAR BAY DOORS. THIS WORK WILL BE A BID OPTION.
- RECOVER AND CONTAINERIZE ALL FLUIDS PRESENT IN THE HANGAR FLOOR TRENCHES, FLOOR DRAINS AND ASSOCIATED PIPING PRIOR TO CONSTRUCTION.
- REMOVE AND RECYCLE THE EXTERIOR PERSONNEL DOOR FRAMES AND SPRINKLER PIPE WHICH TESTED POSITIVE FOR LEAD. PAINT MUST REMAIN IN TACT DURING REMOVAL AND TRANSPORTING. REPLACEMENT OF THE EXTERIOR DOORS IS A BID OPTION.

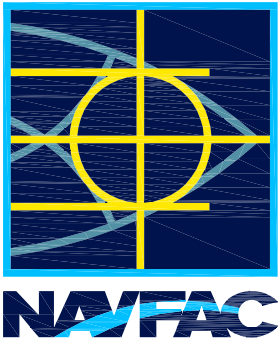
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## ABBREVIATION

ABBREVIATION	DESCRIPTION
AHU	AIR HANDLER UNIT
AFF	ABOVE FINISHED FLOOR
AFFF	AQUEOUS FILM-FORMING FOAM
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
DN	DOWN
EQUIP	EQUIPMENT
FT	FEET
GYP	GYPSUM BOARD
MECH	MECHANICAL
NTS	NOT TO SCALE
RM	ROOM
STR	STAIR
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE

## SYMBOL LIST

SYMBOLS	DESCRIPTION
---	MATCHLINE
● CC-###	CONCRETE CORE
● P-###	PAINT SAMPLE
● 001-x	ASBESTOS SAMPLE
● B-###	SOIL SAMPLE
◆ #	KEYNOTE INDICATOR



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**PROTECTION ENGINEERING GROUP**  
14585 Arken Parkway, Suite 150 703-488-9959  
Chantilly, Virginia 20151 fax: 703-488-9954  
www.PEGroup-inc.com



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FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO

DES MCP DRW LDB CHK MJB

PM/DM KPL/IAS

BRANCH MANAGER

CHIEF ENG/ARCH Mark J. Airaghi, PE

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING COMMAND

NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC

WAS OCEANA - VIRGINIA BEACH, VIRGINIA

NAVAL AIR STATION OCEANA VIRGINIA BEACH, VIRGINIA

HANGAR 111 FIRE PROTECTION

AND STRUCTURAL REPAIRS

REFERENCE SHEET - ENVIRONMENT

SCALE: AS SHOWN

EPROJECT NO.: 1372146

CONSTR. CONTR. NO.

NAVFAC DRAWING NO.

12716226

SHEET 04 OF 170

H-001

DRAWFORM REVISION: 10 MAY 2014

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